

WHAT IS CLAIMED IS:

1. A plug-in fuse-mounting structure comprising:

a plug-in fuse having an insulating housing and
a fuse body received within the insulating housing; and

5 a fuse cavity into which said plug-in fuse is fitted and
which includes connection terminals projecting from an inner
bottom surface thereof,

wherein said fuse cavity has a small fitting depth in
corresponding relation to a small height of said plug-in fuse,
10 and at least one guide groove is formed in an inner side surface
of said fuse cavity so as to extend in a fitting direction of
said plug-in fuse to said fuse cavity; and

a guide rib fitting into said guide groove is formed on
an outer side surface of said plug-in fuse.

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2. A plug-in fuse-mounting structure according to claim 1,
in which a pair of said guide grooves are formed in each of
opposed inner side surfaces of said fuse cavity, and a pair
of said guide ribs are formed on each of opposite outer side
20 surfaces of said plug-in fuse corresponding respectively to
said opposed inner side surfaces.

3. A electrical connection box comprising:

a first plug-in fuse and a second plug-in fuse, wherein
25 a height of the first plug-in fuse is smaller than a height

of the second fuse and each of said first plug-in fuse and said second plug-in fuse has a common basic outer shape; and

a first fuse cavity and a second fuse cavity, wherein a depth of the first fuse cavity corresponds to the height of the first plug-in fuse and a depth of the second fuse cavity corresponds to the second plug-in fuse each of said first fuse cavity and said second fuse cavity has a basic cross-section;

wherein said fuse cavity has at lease one guide groove extends in a fitting direction of said plug-in fuse to said fuse cavity, and said first plug-in fuse has at least one guide rib for fitting into said guide groove.

4. An erroneous fitting prevention method for plural kinds of plug-in fuses to fuse cavities, comprising:

15 providing a first plug-in fuse and a second plug-in fuse, wherein a height of the first plug-in fuse is smaller than a height of the second fuse and each of said first plug-in fuse and said second plug-in fuse has a common basic outer shape;

providing a first fuse cavity and a second fuse cavity, 20 wherein a depth of the first fuse cavity corresponds to the height of the first plug-in fuse and a depth of the second fuse cavity corresponds to the second plug-in fuse each of said first fuse cavity and said second fuse cavity has a basic cross-section; and

25 fitting said first plug-in fuse into said first cavity;

wherein said first fuse cavity has at lease one guide groove extends in a fitting direction of said plug-in fuse to said fuse cavity, and said first plug-in fuse has at least one guide rib for fitting into said guide groove, so that said first
5 plug-in fuse is selectively fitted by said first fuse cavity and while said first plug-in fuse is not allowed to be fitted into said second fuse cavity.